EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	131255	av or (atri$3 near3 ventric$4) or "a-v"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 06:58
L2	1803931	delay or interval	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 06:59
L3	197990	qt or (q near3 t)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 06:59
L4	353	(1 near L2) and L3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:06
L5	1522	qtd or (3 with (differential or derivative))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:06
L6	16	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:06
S1	38	("4303075"|"4316472"|"4375817"|"4379459"|"4384585"|"4527568"|"4566063"|"4587970"|"4726380"|"4727877"|"4800883"|"4830006"|"4880005"|"4920965"|"4949719"|"4953551"|"5099838"|"5117824"|"5131388"|"5144949"|"5158078"|"5163427"|"5188105"|"5199428"|"5207218"|"5269298"|"5311388"|"5312453"|"5314430"|"5330507"|"5331966"|"5354316"|"5534016"|"5545186"|"5560368"|"5713930"|"5800465").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 13:29
S2	164	(607/25).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/26 13:36
S3	27	S2 and (q near3 t)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 13:38
S4	57	S2 and qt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 13:46

S5	34	S4 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 14:02
S6	1663002	delay or interval	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 14:02
S7	120371	av or (atri$3 near3 ventric$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 06:58
S8	191983	qt or (q near3 t)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:23
S9	90	(S7 near S6) same S8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 06:59
S10	7115	"a-v"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 14:22
S11	16	(S10 near S6) same S8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 14:22
S12	11	S11 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/26 14:22
S13	1	("20050043764").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/27 09:15
S14	5991189	maxim$2 or minim$2 or differen$4 or derivat$3 or slope	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:24
S15	191983	qt or (q near3 t)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:24
S16	1686	S15 near5 S14	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:25

S17	120371	av or (atri$3 near3 ventric$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:25
S18	7115	"a-v"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:25
S19	191	S16 and (S17 or S18)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:25
S20	1663002	delay or interval	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:26
S21	44	S16 and ((S17 or S18) near S20)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/27 09:31
S22	1240	(607/9).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/27 09:31
S23	409	(607/17).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/16 11:34
S24	500	(607/27).CCLS.	US-PGPUB; USPAT; USOCR	OR·	OFF	2006/01/27 09:31
S25	10	("5306293" | "5466254" | "5560368" | "5842997" | "5921940" | "6161041").PN. OR ("6456880"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 10:27
S26	29	("4303075" | "4467807" | "4527568" | "4539991" | "4554921" | "4674518" | "4686987" | "4856524" | "4920965" | "4951667" | "4972834" | "5086774" | "5144950" | "5247929").PN. OR ("5330511"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/27 10:31
S27	17	(US-20020151938-$ or US-20040215262-$).did. or (US-4856524-$ or US-5247929-$ or US-5267560-$ or US-5330511-$ or US-5713930-$ or US-5978711-$ or US-6016443-$ or US-6049734-$ or US-6249702-$ or US-6449510-$ or US-6456880-$ or US-6792308-$ or US-6862474-$ or US-6963778-$). did. or (EP-607951-$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/30 08:59

EAST Search History

S28	17	S27 and tim$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/30 10:31
S29	14	S27 and cycle	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/01/30 10:31
S30	15	(US-20020151938-$ or US-20040215262-$).did. or (US-4856524-$ or US-5247929-$ or US-5267560-$ or US-5330511-$ or US-5713930-$ or US-5978711-$ or US-6016443-$ or US-6049734-$ or US-6249702-$ or US-6449510-$ or US-6456880-$ or US-6792308-$ or US-6862474-$ or US-6963778-$). did. or (EP-607951-$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/16 10:25
S31	3	S30 and (minim$4 with (qtd or qt))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 10:25
S32	17	(US-20040215262-$ or US-20020151938-$).did. or (US-6016443-$ or US-4856524-$ or US-6862474-$ or US-6792308-$ or US-6449510-$ or US-5330511-$ or US-5713930-$ or US-6963778-$ or US-5978711-$ or US-5267560-$ or US-5247929-$ or US-6456880-$ or US-6049734-$ or US-6249702-$). did. or (EP-607951-$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/10/16 10:25
S33	3	S32 and (minim$4 with (qtd or qt))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 10:57
S34	12	S32 and minim$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:17
S37	2213082	minimum or minimal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:34
S38	280	qtd	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:18

S39	7	S37 with S38	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:27
S40	810	qt with (difference or differential or derivative)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:27
S41	1	"20050043764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:27
S42	1	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:27
S43	1542	(qt with (difference or differential or derivative)) or qtd or dqt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:27
S44	24	S37 with S43	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:35
S45	17	S44 not S39	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:35
S46	24	(US-20040168931-$ or US-20040168930-$ or US-20050192930-$ or US-20010007948-$ or US-20050043764-$).did. or (US-5560368-$ or US-5701292-$ or US-4967557-$ or US-6438409-$ or US-6456880-$ or US-6370431-$ or US-6161041-$ or US-5921940-$ or US-5842997-$ or US-5560370-$ or US-5437285-$ or US-5792065-$).did. or (US-2037530-$ or US-2542005-$ or US-3256514-$ or US-2737555-$ or US-1676847-$ or US-3121457-$).did. or (WO-2004062727-$).did.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/10/16 11:31
S47	8	S46 and (optimal or optimize or optimizing or optimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 12:40

S48	644	607/17,25.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:37
S49	5409414	minimum or minimal or small$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:35
S50	76	S49 with S43	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:35
S51	59	S50 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:35
S52	52	S50 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:36
S53	19	S52 and ("607"/$.ccls. or "600"/$.ccls. or "128"/$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 12:41
S54	138	S48 and (qt or dqt or qtd)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:41
S55	73	S48 and (qt or dqt or qtd) and av	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 11:41
S56	21	S48 and ((qt or dqt or qtd) same av)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 12:40
S57	743644	(optimal or optimize or optimizing or optimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 12:41
S58	446	S57 with av	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:16
S59	298	S58 and ("607"/$.ccls. or "600"/$.ccls. or "128"/$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:16

S60	7	S59 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:17
S61	577	qt with (variance or variation or variant)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 12:46
S62	8	S59 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:13
S63	552	607/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:15
S64	148777	av or (a adj v) or (atri$2 adj ventric$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:15
S65	682	S57 with S64	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:16
S66	431	S65 and ("607"/$.ccls. or "600"/$.ccls. or "128"/$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:16
S67	12	S66 and (S43 or S61)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 13:17
S68	59	S66 and qt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/16 14:23
S69	40	S68 and @ad<="20030106"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:40
S70	6983159	max or maximum or maximal or min or minimum or minimal or smalle$2 or lowe$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41
S71	744409	(optimal or optimize or optimizing or optimized)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41

EAST Search History

S72	148857	av or (a adj v) or (atri$2 adj ventric$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41
S73	684	S71 with S72	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41
S74	433	S73 and ("607"/$.ccls. or "600"/$. ccls. or "128"/$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41
S75	59	S74 and qt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:42
S76	40	S75 and @ad<="20030106"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:44
S77	39	S70 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:41
S78	63228	S70 and qt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:45
S79	57	S74 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:51
S80	39	S79 and @ad<="20030106"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:51
S81	32301	S70 same qt	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:45
S82	24	S74 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:51
S83	14	S82 and @ad<="20030106"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/17 08:51

Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56	((delay or av or time or interval) AND (test$4 or optim$5) AND (qt or qtd)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:08
L2	11	((delay or av or time or interval) AND (test$4 or optim$5) AND (qt or qtd) AND (minimum or minimal or small$4)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:09
S1	55	((delay or av or time or interval) AND (test$4 or optim$5) AND (qt or qtd)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:07

EAST Search History

S2	55	(US-20040006265-$ or US-20050130190-$ or US-20040039264-$ or US-20040039263-$ or US-20040039260-$ or US-20010021801-$ or US-20010011153-$ or US-20050009006-$ or US-20030100998-$ or US-20030028327-$ or US-20030228157-$ or US-20030092975-$ or US-20050010123-$ or US-20020062088-$ or US-20030120535-$ or US-20060172277-$ or US-20030086320-$ or US-20010048630-$ or US-20050214870-$ or US-20030149539-$ or US-20030014083-$ or US-20040215091-$ or US-20040133114-$ or US-20040167418-$ or US-20040106095-$ or US-20060235478-$).did. or (US-20040044374-$ or US-20050043764-$).did. or (US-6945934-$ or US-6893397-$ or US-6887201-$ or US-6398728-$ or US-6280380-$ or US-6277072-$ or US-6221011-$ or US-4972834-$ or US-5560368-$ or US-5330511-$ or US-6829443-$ or US-6577894-$ or US-6821249-$ or US-5164897-$ or US-6847840-$ or US-6532187-$ or US-6615083-$ or US-5827195-$ or US-6058328-$ or US-7117031-$ or US-5792198-$ or US-7115381-$ or US-4527568-$ or US-5419338-$ or US-5713930-$ or US-5978711-$). did. or (US-6970743-$).did.	US-PGPUB; USPAT	OR	ON	2006/10/27 11:04
S3	173	"55" and(qt or qtd).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/27 11:05
S4	8306	2and(qt or qtd).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/27 11:05

EAST Search History

S5	55	S2 and (qt or qtd).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/10/27 11:05
S6	11	((delay or av or time or interval) AND (test$4 or optim$5) AND (qt or qtd) AND (minimum or minimal or small$4)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/01/30 07:09